

April 2022

# Northern Saskatchewan Mineral Exploration Highlights

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***Keewatin  
Community  
Development  
Association***

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## Advertising Rates and Details

**Northern Saskatchewan Mineral Exploration Highlights** is a monthly publication featuring public information gleaned from company websites and news releases into one convenient package.

We have direct email circulation to over 150 companies and individuals involved in northern Saskatchewan mining, exploration services, education, and government as well as northern First Nations, towns, and villages.

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## THE FRONT PAGE

### NEWS

4 PROVINCES PUSH AHEAD WITH PLAN TO BUILD SMALL NUCLEAR REACTORS TO SUPPLY POWER  
*Mar 28, 2022 | CBC News*

Four provinces are working together to advance small modular reactors in Canada through an inter-provincial Memorandum of Understanding. Small modular reactors are nuclear reactors that are significantly smaller and more flexible than conventional nuclear reactors (Gary Solilak/CBC). Four provincial governments are pushing ahead with a plan to develop nuclear power in Canada.

Saskatchewan, Ontario, New Brunswick and Alberta have released their strategic plan to expand the nuclear industry through the development of small modular reactors (SMR). SMRs are, as their name implies, much smaller than a traditional nuclear reactor. They can be built in a factory and transported by truck, train or ship.

While a conventional nuclear reactor generates about 1,000 megawatts of energy, SMRs generate between 200 and 300 megawatts — enough to power about 300,000 homes.

The provinces say the reactors provide a source of safe, clean power to residents.

Don Morgan, minister responsible for SaskPower in Saskatchewan, said the utility's collaboration with Ontario Power Generation "has laid a strong foundation for nuclear power ... to support deep reductions in Canada's GHG emissions to ultimately achieve net zero by 2050."

According to the initial report, the first SMR would be built in Ontario, with four to follow in Saskatchewan between 2034 and 2042.

"A small reactor would cost in the range of \$5 billion," Morgan said. "So they're certainly not inexpensive."

Morgan and his provincial counterparts said the small-scale reactors are a good solution to providing clean power in remote communities and to Alberta's oilsands.

The provinces' strategic plan aims to position Canada as a global exporter of SMR technology for use in both on-grid and off-grid applications.

The report highlights the need for a "robust" nuclear waste management program and a strong regulatory framework.

Morgan said Saskatchewan is also uniquely positioned to provide uranium to fuel the SMRs.

"Energy security has never been more important, and nuclear power, fuelled by uranium from Saskatchewan, has the potential to ensure that our country has the power to guide us into the future."

The plan follows an earlier feasibility study into using SMR technology for Canada's energy while curbing GHG emissions.

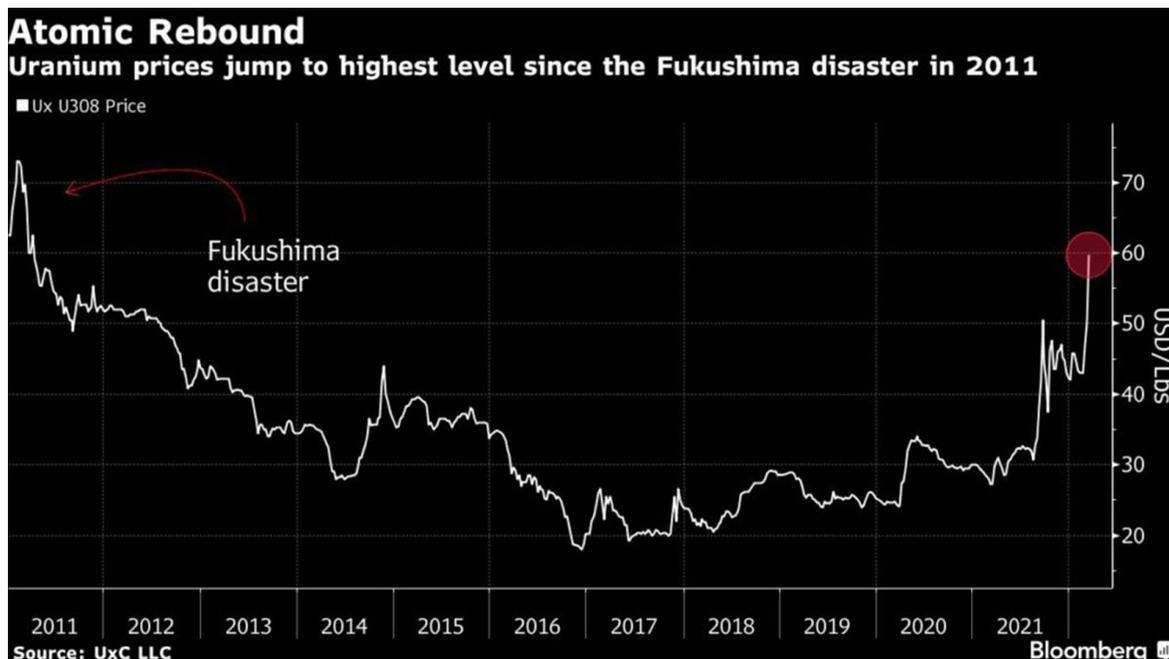
## URANIUM PRICE SURGES TO HIGHEST SINCE FUKUSHIMA ON RUSSIAN WAR

Mar 11, 2022 | Bloomberg News

Uranium spot prices soared to the highest level since the 2011 Fukushima nuclear disaster on concern potential sanctions aimed at Russia are poised to roil an already tight market.

The price for benchmark uranium jumped to \$59.75 per pound on Thursday, according to data compiled by UxC LLC. That's the highest since March 2011, when meltdowns at the Fukushima Dai-ichi facility shut Japan's fleet of nuclear plants, sent a shockwave across the atomic industry and dashed demand for uranium — the fuel used in reactors.

The White House is considering sanctions on Russia's state-owned atomic energy company, Rosatom Corp., intensifying concerns over disruptions to uranium exports from Russia. Rosatom is a delicate target because the company and its subsidiaries account for more than 35% of global uranium enrichment. Russia accounted for 16.5% of the uranium imported into the US in 2020



“The fear of Russian nuclear fuel supplies being cut off in the West (especially the US and European Union) has led buyers to enter the spot uranium market over the past two weeks,” said Jonathan Hinze, president of UxC. “As the prospects for future limits on Russian enriched uranium imports in the West remain high, it appears that this upward pressure on spot uranium prices is unlikely to let up.”

The Sprott Physical Uranium Trust, a fund that has been aggressively cornering the physical market for the metal, has been actively snatching supply since last month, adding to the bullish sentiment. The fund has boosted its holdings of uranium by more than 10% in the last month.

Uranium is the latest raw material to be swept up in the global commodities price rally after Russia's invasion of Ukraine. International backlash and Russia's sudden economic isolation is choking off a major global source of energy, metals and crops.

To be sure, it's unlikely that an actual shortage of uranium will develop that forces nuclear power plants to curb output, even if Russian supplies are taken off the table. **Cameco Corp.**, one of the world's largest suppliers of uranium, could boost output if prices improve enough to warrant additional production over the long-term, according to a spokesperson.

There is "significant potential to increase uranium production outside of Russia," said Jonathan Cobb, a senior communication manager at the World Nuclear Association. "Nuclear plants typically have enough fabricated fuel on site to keep operating for at least a year, and in many cases much longer."

*(By Stephen Stapczynski, with assistance from Joe Deaux)*

### COPPER, COAL PRICES HIT RECORDS, NICKEL JUMPS 30% OVERNIGHT AFTER WILD WEEK OF TRADING

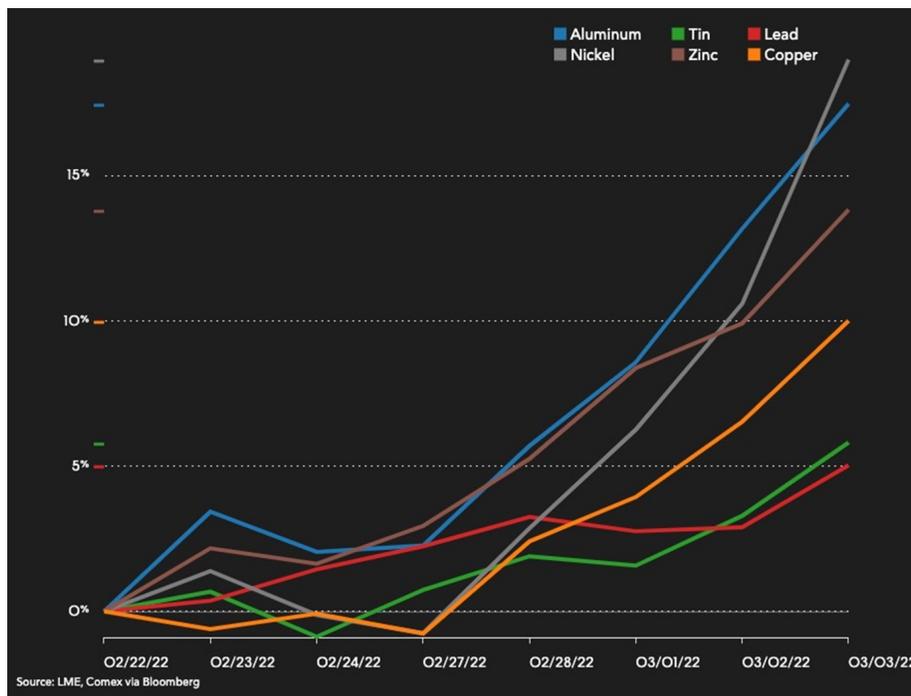
Mar 7, 2022 | MINING.COM Staff Writer

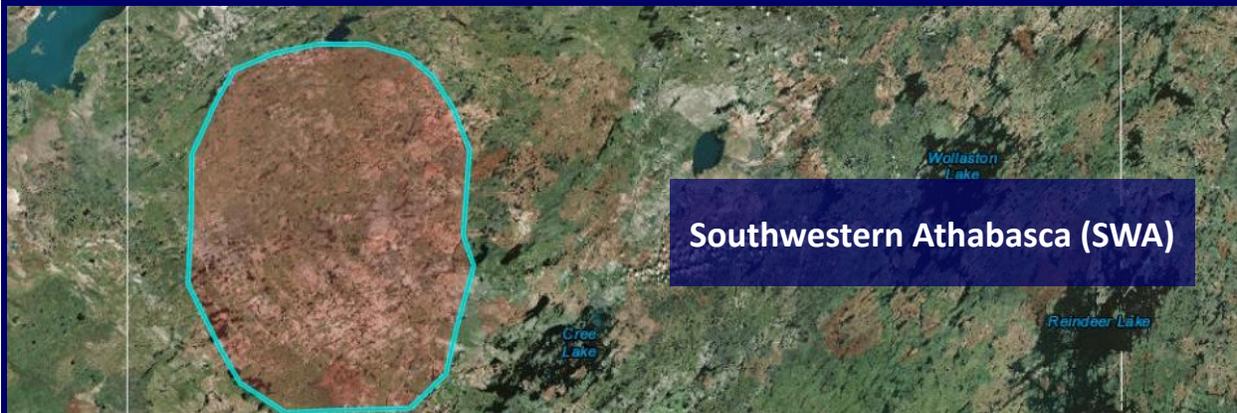
During a wild week for markets following the imposition of wide-ranging sanctions on Russia, a number of industrial metals hit all-time highs.

Aluminium scaled \$4,000 per tonne for the first time ever and copper exceeded \$5 a pound in whipsaw trading on Monday after hitting a record closing high on Friday of \$4.94 a pound (\$11,885 per tonne).

Nickel prices rocketed more than 20% overnight to surpass \$38,000 for the first time since June 2007 and zinc also set a 15 year high at \$4,173 a tonne. While lead is clearly the laggard, tin continues to hit records with regularity on its way to \$50,000 per tonne.

Australian export metallurgical coal reached \$560 a tonne, also an all-time high, as did thermal coal from Newcastle when it topped \$400 per tonne. Benchmark iron ore prices advanced 20% over the last week to hit \$162 a tonne.





Azincourt reported that 3,208 m had been completed in 13 drill holes at the **East Preston Uranium Project**, a JV between **Azincourt Energy (70%)**, **Skyharbour Resources Ltd (15%)** and **Dixie Gold Inc (15%)**

Highlights include

- drilling continued on the N-E trending **G Zone** where EP0030 intersected an extensive interval of hydrothermal hematite alteration and evidence of a steep E-W fault cross-cutting the main N-E trending lithologies and graphitic structures
- on the N-S trending **K Zone** EP0035 intersected an extensive zone of hydrothermal hematite more than 100 m thick with localized radioactivity within this zone
- this alteration zone is indicated by drilling to be at least 800 m long
- additional drilling is underway to evaluate the zone
- assays have been sent to SRC for analysis.

Azincourt provided an update on the 2022 exploration program at East Preston.

Highlights include

- 4,301 m completed in 18 holes
- drilling on the N-E trending **G-Zone** halted with 9 holes completed. Extensive hydrothermal alteration intersected, and an evaluation of structural data and geochemistry will be undertaken to aid in planning for additional follow-up drill holes
- on the N-S trending **K-Zone**, 5 drill holes have been completed. Drilling has intersected extensive hydrothermal hematite and clay alteration in all holes, indicating the alteration zone is at least 1200 m in length.
- samples have been sent for analysis to evaluate the significance of elevated radioactivity
- 1 hole has been completed on the **H-Zone**
- drilling postponed on the **Q-Zone**
- increased costs have resulted in an overall increase in the program budget, to facilitate the acquisition of as much critical data as possible during the current field season.

Azincourt announced that the drill program at the **East Preston uranium Project (Azincourt 70%, Dixie Gold Inc 15% and Skyharbour Resources Ltd 15%)** has been completed.

Highlights include

- a total of 5,004.5 m was completed in 19 drill holes
- drilling was focused on the G, K and H Zones
- a total of 420 samples were sent to SRC for analysis with results pending
- discovery of at least 1700 m of extensive hydrothermal alteration and elevated radioactivity
- a thorough review and interpretation of the results will occur over the next few months
- preparation underway for an extensive program in the winter of 2022-2023



Fission 3.0 announced drilling results on two previously untested targets at its **PLN Project**

Highlights include

**Broach Lake Target**

- PLN22-028 and PLN22-030B encountered visible dravite, a boron-rich clay material often found in proximity to uranium mineralization
- PLN22-031 intersected anomalous radioactivity with a max of 510 cps at 373.6 m to 373.9 m corresponding to a 0.6 m interval in the downhole gamma survey with an average of 1499 cps and a peak of 2383 cps.
- all 3 holes intersected variable intervals of strong chlorite, clay and silica alteration as well as bleaching and intense hematite alteration.

**N Conductor Target**

- PLN22-029 encountered anomalous radioactivity of 300 cps at a depth of 783.8 m



Standard Uranium provided an update on plans for their **Davidson River Project.**

Highlights include

- spring/summer drill program expected to commence in May 2022
- key contractors secured
- several kms of graphitic conductors remain to be tested along 4 major conductors



## Eastern Athabasca (EA)



92 Energy provided an exploration update on the current drilling at the **GMZ Uranium Discovery** at its **Gemini Project**

### Highlights include

- elevated radioactivity intersected in the first 3 drill holes from the winter program
- GEM22-006 intersected a total of 14 m of composite elevated radioactivity that ranges from < 300 to 2,230 cps
- elevated radioactivity at the GMZ has now been defined over a width of 84 m across strike
- all 4 winter 2022 drill holes drilled on the same section, are associated with a strong and broad zone of clay, hematite, and quartz alteration, with common fault breccias and other structures
- drilling continues both up and down dip, as well as along strike to the north and south, with a total of 6,600 m to be completed this program.

92 Energy announced it has intersected the highest levels of radioactivity to date during the Winter 2022 drill program at its **Gemini Mineralized Zone (GMZ)**, located 27 km SE of the McArthur River Mine.

### Highlights include

- 5378 m drilling completed in 19 holes
- elevated radioactivity intersected in 11 of 12 holes at **GMZ**
- samples sent for chemical analysis
- GEM22-019 intersected 22.0 m of continuous elevated radioactivity with Max of 15,780 cps
- GEM22-017 intersected 22.0 m of continuous elevated radioactivity with Max of 3030 cps
- GEM22-022 intersected 25.5 m of composite elevated radioactivity with Max of 7860 cps
- GEM22-023 intersected 12.0 m of continuous elevated radioactivity with Max of 5760 cps
- elevated radioactivity at **GMZ** defined over a length of 230 m in the NW-SE direction and 80 M in the NE-SW direction and remains "Open" in all directions
- Summer 2022 drill program to commence in June 2022



Baselode Energy provided an update of the ongoing 10,000 m diamond drill program on the **ACKIO** high-grade uranium discovery, **Hook Project**.

Highlights include

- 25,000 cps from drill hole AK22-11 @ 217.1 m depth
- new sub-parallel lower zone of uranium mineralization with 2 intervals of continuous elevated radioactivity measuring 1,583 cps over 6.5 m @ 201.0 m and 1,286 cps over 11.9 m @ 215.75 m
- uranium mineralization extends for over 150 m along strike and remains open along both strike directions.

Baselode announced the receipt of an exploration permit from Saskatchewan "MOE" for an additional 50,000 m of diamond drilling on the **ACKIO high-grade uranium discovery, Hook Project**.

Highlights include

- drilling along strike at ACKIO has been increased from 10,000 m to 20,000 m
- drilling planned to continue through to summer
- flexibility to expand drilling at ACKIO further to a total of 60,000 m until the end of 2023

Baselode announced it has intersected the widest zone of elevated radioactivity to date including 699 cps over 15.1 m at the **ACKIO high-grade Uranium Discovery on the Hook Project**.

Highlights include

- AK22-18 intersected a broad zone of continuous elevated radioactivity summed over the entire drill hole length, including 2,130 cps over 2.6 m and 4,550 cps over 0.2 m
- AK22-13, AK22-14 and AK22-19 intersected highlights of 1,317 cps over 2.35 m, 1,152 cps over 2.9 m, 1,037 cps over 2.05 m at 219.95 m including a maximum of 8,000 cps over 0.1 m at 221.6 m and 1,160 cps over 4.45m at 236.8 m including a maximum of 9,200 cps over 0.1 m at 239.9 m.
- structural analysis has confirmed the presence of NE-SW faults cross-cutting the NW-SE local fabric
- the **Upper Zone** strike length has been extended to >200 m and the **Lower Zone** strike length to >150 m. Both zones remain "Open" in all directions.
- 15 drill holes totaling 4,754 m completed to date with helicopter-supported drilling continuing through break-up
- samples submitted to SRC for whole-rock, multi-element and U3O8 analysis.



Basin Uranium announced it has received Exploration Work Authorization for diamond drilling and geophysical exploration work from Saskatchewan MOE, for its **Mann Lake uranium project** located 25 km SW of the McArthur River Mine.

Highlights include

- Work Authorization for up to 15,000 m of diamond drilling in 20 holes
- initial geophysical survey will be to refine and delineate drill targets
- multi-phased drill program to commence in April 2022



Canalaska Uranium announced the completion of the 2022 drilling program on its **Waterbury South** uranium project located 10 km SE of the Cigar Lake Uranium Mine.

Highlights include

- completion of 6 drill holes totaling 2,787 m
- results indicate a structurally complex fault system that extends the previously intersected strong sandstone and deep basement alteration
- investigating the use of high-resolution geophysical surveys to plan the next phase of drilling
- geochemical assay results are pending



Denison reported operational and financial results for 2021

Highlights include

- completed successful ISR Field Tests at **Phoenix** resulting in a significant de-risking and supporting the decision to advance to a **FS**
- secured funding to complete the **EA** process for **Wheeler River**
- executed a **Wheeler River Project** financing initiative involving the strategic acquisition of physical uranium and recorded significant uranium investment gains
- obtained funding for high-potential exploration programs in 2021 and 2022
- acquired 50% of **JCU (Canada) Exploration Company Ltd** for \$20.5 million
- advanced actions to support reconciliation with **Indigenous Peoples**
- discovery of high-grade uranium outside of the **Phoenix Zone A** high-grade domain
- sold shares and warrants in GoviEx for proceeds of up to \$41.6 million
- received \$5.8 million in connection with the conversion of URC into the Sprott Physical Uranium Trust

Denison Mines announced the discovery of high-grade uranium mineralization at its 24.68% owned **Waterfound JV**

Highlights include

- WF-68 returned a broad zone of uranium mineralization including a peak interval of 5.91% eU3O8 over 3.9 m with a sub-interval grading 25.30% eU3O8 over 0.7 m
- WF-68 is located 800 m west, along the **La Rocque conductive corridor**, of the previously discovered high-grade mineralization (including 4.49% U3O8 over 10.53 m) at the **Alligator Zone**
- mineralization remains open along strike in both directions
- the operating partner Orano Canada Inc has completed the winter program with 3,175.4 m drilling in 6 holes
- drilling is scheduled to resume in the Summer Season
- the **Waterfound JV** includes **Denison Mines** (24.68%), **Orano Canada Inc** (62.42%) and **JCU (Canada) Exploration Company Ltd** which is owned 50% by **UEX Corp.**



Fission 3.0 announced the commencement of a follow-up geophysical TDEM survey on its **Cree Bay Property**

Highlights include

- a broad prospective target was defined by a first pass 2019 exploration drill program
- the EM survey is being carried out to move **Cree Bay** to the “drill-ready” stage



Forum announced it has commenced drilling at the **Highrock Uranium Project** located just south of and on-trend with the Key Lake Uranium mine and mill. The Property is operated by Forum and under option to and funded by **Sassy Resources Corp.**

Highlights include

- initial drilling will focus on the **North Target** immediately south of Cameco’s Key Lake Mine claim boundary
- targets have also been identified in the central and south areas of the property
- drilling will continue until the spring break-up

Forum announced it has commenced drilling on its **Wollaston Uranium Project** located 10 km SE of Cameco’s Rabbit Lake Mine and Mill.

Highlights include

- plans are to drill approximately 3,000 m in 10-12 drill holes on the targets developed on the western side of the project, most within 3 km of HWY 905
- gravity surveys have been completed on the main targets to be drill tested
- the project is located just outside of the margin of the Athabasca Basin and is prospective for basement-hosted unconformity style mineralization.



Medaro announced it has completed an airborne magnetic geophysical survey at its **Yurchison Uranium Property**, optioned from **Skyharbour Resources Ltd.**

Highlights include

- 1424-line kms of survey completed at 50 m line spacing utilizing an AS 350 BA+ helicopter
- Geodata Solutions GDS Inc completed the high-resolution helicopter-borne magnetic survey
- the intersections of the major fault, Tabbernor Faults and graphitic metasedimentary rocks are targets for uranium mineralization
- follow-up ground exploration to commence June 1, 2022
- Medaro has entered into a consulting process facilitated by the Ya’ Thi Nene Land and Resource Office.

# POWER

## METAL RESOURCES

Power Metal Resources announced a portfolio update on its uranium properties surrounding the Athabasca Basin.

### Highlights include

-historical review of 4 of 7 properties completed

#### **Reitenbach Uranium Property**

-Dahrouge Geological Consulting Ltd engaged to undertake a NI43-101 compliant report

#### **Cook Lake Property**

-980 ha located <50 km SE of Athabasca Basin edge

-boulder occurrences up to 1% to 3% U

-prospective for basement-hosted uranium unconformity as well as intrusive and pegmatite-hosted uranium mineralization

#### **E-12 Property**

-1300 ha located 58 km to the west of Cook Lake and <20 km from the Athabasca Basin edge

-boulder results up to 0.17% U

- prospective for basement-hosted uranium unconformity as well as intrusive and pegmatite-hosted uranium mineralization



Purepoint announced preliminary results from its current drill program at the **Red Willow Project**.

### Highlights include

-7 holes drilled to date in 2022 totaling 1,247 m at the **Osprey Zone**

-5 of the 7 holes encountered anomalous uranium at shallow depth from surface across a distance of 325 m

-OSP22-04 presented a peak radioactivity of 8,830 cps

-OSP22-06 presented a peak radioactivity of 33,070 cps

-EM conductors representing a graphitic unit hosting mineralization continue for 2 km north of the completed drilling

-drill testing will continue to the north along the conductors



Skyharbour Resources announced that its partner company **Basin Uranium Corp** provided an update on its ongoing permitting at the **Mann Lake uranium project**. Work Authorization has now been received from Saskatchewan "MOE".

### Highlights include

-discussions with local stakeholder groups continue to advance

-permitting is for geophysical surveys including EM and gravity totaling 18-line kms

-also permitting for an extensive diamond drilling program of up to 20 holes totaling 15,000 m, to commence in April 2022.



## La Ronge, Flin Flon (LAF)



**Eagle Plains  
Resources Ltd.**

EPL:TSX-V

Eagle Plains announced that its partner **Rockridge Resources Ltd** plans an upcoming exploration and drill program at the **Knife Lake Copper Project** located 50 km NW of Sandy Bay.

Highlights include

- upcoming program will target the **Gilbert West** and **Gilbert South Zones**
- continued infill and expansion drilling at the **Knife Lake Cu-Zn-Ag-Co VMS Deposit**



Foran announced a project update for its pre-development program at the **McIlvenna Bay Project**.

Highlights include

- box cut complete and Foran has advanced the first 10 m of development along the **Exploration Decline**
- construction of the ore and waste pad is approximately 95% complete
- construction of the containment pond is approximately 40% complete and is expected to be completed by the end of April
- installation of underground support systems is underway as the Company continues to advance the exploration decline towards the planned extraction of a bulk sample in H2/22
- exploration decline is expected to be 1,475 m in length to a depth of 90 m below surface
- Foran expects to mine a 4,400-tonne bulk sample



**MAS  
Gold  
Corp**

MAS Gold announced an update on the drilling program on the **Preview SW Property**.

Highlights include

- 2,700 m drill program has commenced on **Comstock's Preview SW Project**
- 4,500 m drill program at the **North Lake Project**
- 800 m drill program at the **Point Deposit**

MAS Gold announced drilling has been completed at its **North Lake Deposit** on its **Preview North Property**.

Highlights include

- a total of 4,123.5 m was completed in 34 diamond drill holes
- 24 infill holes, 4 twin drill holes and 6 exploration holes were completed
- samples are currently being processed
- in addition to implementing a QAQC program, the felsic host rocks were extended 80 m to the NW and 50 m to the SW
- ongoing drilling at the **Point Deposit** and **Preview SW Deposit**

MAS Gold announced that they have completed the sale by **Comstock Metals Ltd** of 100% of its interest in its **Preview SW Gold Project** to **MAS Gold Corp**.



SKRR announced the completion of drilling at the **Olson Project**, located 100 km east of La Ronge.

Highlights include

- all 10 holes testing 4 target areas intersected sulphides and quartz veining.
- assays are pending

SKRR announced the start of an airborne magnetic survey on its **Irving Lake Project** located 100 km NE of La Ronge.

Highlights include

- Precision Geosurveys Inc contracted to fly a 4,288 line-km helicopter-borne magnetic survey @ 75 m line-spacing
- located within 10 to 20 km of the Seabee and Santoy gold mines.



ALX announced that a diamond drilling program has commenced at the **Gibbons Creek Uranium Project** located adjacent to Stony Rapids.

Highlights include

- two target areas were prepared along a previously untested geophysical conductor first detected by a 2005 MegaTem airborne survey and confirmed by ALX's 2017 **ZTEM** airborne survey
- a Spatiotemporal Geochemical Hydrocarbon ("**SGH**") soil survey carried out by ALX in October 2021 outlined 2 areas along the **Zinger Conductor** interpreted as prospective for uranium mineralization
- ALX engaged with First Nations and local communities
- local workers were contracted to construct winter drill trails to the **Zinger Conductor** area
- ALX plans to drill up to 2,000 m in 5 holes



Appia announced the commencement of 2022 drilling and exploration at the **Alces Lake Rare Earth (REE) Property**

Highlights include

- 12,000+ m drilling planned in 2022
- drilling will continue to evaluate the **WRCB** area to determine the size, orientation and continuity of high-grade mineralization
- drilling on the trend NW and SE of WRCB area to evaluate the potential of **Hinge, Ermacre, Quartzite** and **Danny** targets as well as **Strocen** and **Augier**
- continued exploration and delineation drilling on the **Western Anomaly** to evaluate **Sweet Chili Heat, Zesty** and **Diablo** as well as other undrilled targets.



Fortune Bay announced gold assay results for the remaining 4 step-out holes drilled at the **Box Gold Deposit** located on the **Goldfields Project**.

Highlights include

- B21-340 intersected 13.22 g/t Au over 8.0 m including 103.30 g/t Au over 1.0 m and 6.13 g/t Au over 2.0 m including 10.80 g/t Au over 1.0 m
- B21-339 intersected 2.23 g/t Au over 23.0 m including 8.74 g/t Au over 5.0 m including 31.54 g/t Au over 1.0 m
- B21-338 intersected 2.17 g/t Au over 8.0 m including 13.12 g/t Au over 1.0 m
- B21-337 intersected 3.70 g/t Au over 4.0 m including 12.45 g/t Au over 1.0 m and 2.49 g/t Au over 9.0 m
- assays confirm expansion of the **Box** mineralization of up to 280 m and the mineralization remains “open”.



Standard Uranium announced that diamond drilling has commenced on its **Sun Dog Project** located in the Beaverlodge District near Uranium City

Highlights include

- high-resolution ground gravity geophysical survey completed at Sun Dog
- a high-resolution UAV magnetic survey will be carried out in the coming days to help target drilling



Star Diamond reported that technical meetings with **Rio Tinto Exploration Canada Inc (RTEC)** took place regarding the **FalCon Project, Fort a La Corne JV**.

Highlights include

- Star kimberlite** trench cutter bulk sample program results
- diamond size and quality analysis
- “Orbit” project update
- mineability study
- geological model and resource update
- community and stakeholder engagement
- environmental and permitting
- green energy and carbon

## COMMODITIES AT A GLANCE

### URANIUM

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### Highlights include

- a total of 5,004.5 m was completed in 19 drill holes
- drilling was focused on the G, K and H Zones
- a total of 420 samples were sent to SRC for analysis with results pending
- discovery of at least 1700 m of extensive hydrothermal alteration and elevated radioactivity
- a thorough review and interpretation of the results will occur over the next few months
- preparation underway for an extensive program in the winter of 2022-2023

**Baselode Energy Corp** provided an update of the ongoing 10,000 m diamond drill program on the **ACKIO** high-grade uranium discovery, **Hook Project**.

### Highlights include

- 25,000 cps from drill hole AK22-11 @ 217.1 m depth
- new sub-parallel lower zone of uranium mineralization with 2 intervals of continuous elevated radioactivity measuring 1,583 cps over 6.5 m @ 201.0 m and 1,286 cps over 11.9 m @ 215.75 m
- uranium mineralization extends for over 150 m along strike and remains open along both strike directions.

## COMMODITIES AT A GLANCE

**Baselode Energy Corp** announced the receipt of an exploration permit from Saskatchewan “MOE” for an additional 50,000 m of diamond drilling on the **ACKIO high-grade uranium discovery, Hook Project**.

Highlights include

- drilling along strike at ACKIO has been increased from 10,000 m to 20,000 m
- drilling planned to continue through to summer
- flexibility to expand drilling at ACKIO further to a total of 60,000 m until the end of 2023

**Baselode Energy Corp** announced it has intersected the widest zone of elevated radioactivity to date including 699 cps over 15.1 m at the **ACKIO high-grade Uranium Discovery on the Hook Project**.

Highlights include

- AK22-18 intersected a broad zone of continuous elevated radioactivity summed over the entire drill hole length, including 2,130 cps over 2.6 m and 4,550 cps over 0.2 m
- AK22-13, AK22-14 and AK22-19 intersected highlights of 1,317 cps over 2.35 m, 1,152 cps over 2.9 m, 1,037 cps over 2.05 m at 219.95 m including a maximum of 8,000 cps over 0.1 m at 221.6 m and 1,160 cps over 4.45m at 236.8 m including a maximum of 9,200 cps over 0.1 m at 239.9 m.
- structural analysis has confirmed the presence of NE-SW faults cross-cutting the NW-SE local fabric
- the **Upper Zone** strike length has been extended to >200 m and the **Lower Zone** strike length to >150 m. Both zones remain “Open” in all directions.
- 15 drill holes totaling 4,754 m completed to date with helicopter-supported drilling continuing through break-up
- samples submitted to SRC for whole-rock, multi-element and U3O8 analysis.

**Basin Uranium Corp** announced it has received Exploration Work Authorization for diamond drilling and geophysical exploration work from Saskatchewan MOE, for its **Mann Lake uranium project** located 25 km SW of the McArthur River Mine.

Highlights include

- Work Authorization for up to 15,000 m of diamond drilling in 20 holes
- initial geophysical survey will be to refine and delineate drill targets
- multi-phased drill program to commence in April 2022

**Canalaska Uranium Ltd** announced the completion of the 2022 drilling program on its **Waterbury South** uranium project located 10 km SE of the Cigar Lake Uranium Mine.

Highlights include

- completion of 6 drill holes totaling 2,787 m
- results indicate a structurally complex fault system that extends the previously intersected strong sandstone and deep basement alteration
- investigating the use of high-resolution geophysical surveys to plan the next phase of drilling
- geochemical assay results are pending

## COMMODITIES AT A GLANCE

**Denison Mines Corp** reported operational and financial results for 2021

Highlights include

- completed successful ISR Field Tests at **Phoenix** resulting in a significant de-risking and supporting the decision to advance to a **FS**
- secured funding to complete the **EA** process for **Wheeler River**
- executed a **Wheeler River Project** financing initiative involving the strategic acquisition of physical uranium and recorded significant uranium investment gains
- obtained funding for high-potential exploration programs in 2021 and 2022
- acquired 50% of **JCU (Canada) Exploration Company Ltd** for \$20.5 million
- advanced actions to support reconciliation with **Indigenous Peoples**
- discovery of high-grade uranium outside of the **Phoenix Zone A** high-grade domain
- sold shares and warrants in GoviEx for proceeds of up to \$41.6 million
- received \$5.8 million in connection with the conversion of URC into the Sprott Physical Uranium Trust

**Denison Mines Corp** announced the discovery of high-grade uranium mineralization at its 24.68% owned **Waterfound JV**

Highlights include

- WF-68 returned a broad zone of uranium mineralization including a peak interval of 5.91% eU3O8 over 3.9 m with a sub-interval grading 25.30% eU3O8 over 0.7 m
- WF-68 is located 800 m west, along the **La Rocque conductive corridor**, of the previously discovered high-grade mineralization (including 4.49% U3O8 over 10.53 m) at the **Alligator Zone**
- mineralization remains open along strike in both directions
- the operating partner Orano Canada Inc has completed the winter program with 3,175.4 m drilling in 6 holes
- drilling is scheduled to resume in the Summer Season
- the **Waterfound JV** includes **Denison Mines** (24.68%), **Orano Canada Inc** (62.42%) and **JCU (Canada) Exploration Company Ltd** which is owned 50% by **UEX Corp.**

**Fission 3.0 Corp** announced drilling results on two previously untested targets at its **PLN Project**

Highlights include

**Broach Lake Target**

- PLN22-028 and PLN22-030B encountered visible dravite, a boron-rich clay material often found in proximity to uranium mineralization
- PLN22-031 intersected anomalous radioactivity with a max of 510 cps at 373.6 m to 373.9 m corresponding to a 0.6 m interval in the downhole gamma survey with an average of 1499 cps and a peak of 2383 cps.
- all 3 holes intersected variable intervals of strong chlorite, clay and silica alteration as well as bleaching and intense hematite alteration.

**N Conductor Target**

- PLN22-029 encountered anomalous radioactivity of 300 cps at a depth of 783.8 m

## COMMODITIES AT A GLANCE

**Fission 3.0 Corp** announced the commencement of a follow-up geophysical TDEM survey on its **Cree Bay Property**

Highlights include

- a broad prospective target was defined by a first pass 2019 exploration drill program
- the EM survey is being carried out to move **Cree Bay** to the “drill-ready” stage

**Forum Energy Metals Corp** announced it has commenced drilling at the **Highrock Uranium Project** located just south of and on-trend with the Key Lake Uranium mine and mill. The Property is operated by Forum and under option to and funded by **Sassy Resources Corp.**

Highlights include

- initial drilling will focus on the **North Target** immediately south of Cameco’s Key Lake Mine claim boundary
- targets have also been identified in the central and south areas of the property
- drilling will continue until the spring break-up

**Forum Energy Metals Corp** announced it has commenced drilling on its **Wollaston Uranium Project** located 10 km SE of Cameco’s Rabbit Lake Mine and Mill.

Highlights include

- plans are to drill approximately 3,000 m in 10-12 drill holes on the targets developed on the western side of the project, most within 3 km of HWY 905
- gravity surveys have been completed on the main targets to be drill tested
- the project is located just outside of the margin of the Athabasca Basin and is prospective for basement-hosted unconformity style mineralization.

**Medaro Mining Corp** announced it has completed an airborne magnetic geophysical survey at its **Yurchison Uranium Property**, optioned from **Skyharbour Resources Ltd.**

Highlights include

- 1424-line kms of survey completed at 50 m line spacing utilizing an AS 350 BA+ helicopter
- Geodata Solutions GDS Inc completed the high-resolution helicopter-borne magnetic survey
- the intersections of the major fault, Tabbernor Faults and graphitic metasedimentary rocks are targets for uranium mineralization
- follow-up ground exploration to commence June 1, 2022
- Medaro has entered into a consulting process facilitated by the Ya’ Thi Nene Land and Resource Office.

## COMMODITIES AT A GLANCE

**Power Metal Resources PLC** announced a portfolio update on its uranium properties surrounding the Athabasca Basin.

Highlights include

-historical review of 4 of 7 properties completed

**Reitenbach Uranium Property**

-Dahrouge Geological Consulting Ltd engaged to undertake a NI43-101 compliant report

**Cook Lake Property**

-980 ha located <50 km SE of Athabasca Basin edge

-boulder occurrences up to 1% to 3% U

-prospective for basement-hosted uranium unconformity as well as intrusive and pegmatite-hosted uranium mineralization

**E-12 Property**

-1300 ha located 58 km to the west of Cook Lake and <20 km from the Athabasca Basin edge

-boulder results up to 0.17% U

- prospective for basement-hosted uranium unconformity as well as intrusive and pegmatite-hosted uranium mineralization

**Purepoint Uranium Group Inc** announced preliminary results from its current drill program at the **Red Willow Project.**

Highlights include

-7 holes drilled to date in 2022 totaling 1,247 m at the **Osprey Zone**

-5 of the 7 holes encountered anomalous uranium at shallow depth from surface across a distance of 325 m

-OSP22-04 presented a peak radioactivity of 8,830 cps

-OSP22-06 presented a peak radioactivity of 33,070 cps

-EM conductors representing a graphitic unit hosting mineralization continue for 2 km north of the completed drilling

-drill testing will continue to the north along the conductors

**Skyharbour Resources Ltd** announced that its partner company **Basin Uranium Corp** provided an update on its ongoing permitting at the **Mann Lake uranium project.** Work Authorization has now been received from Saskatchewan "MOE."

Highlights include

-discussions with local stakeholder groups continue to advance

-permitting is for geophysical surveys including EM and gravity totaling 18-line kms

-also permitting for an extensive diamond drilling program of up to 20 holes totaling 15,000 m, expected to commence in April 2022.

**Standard Uranium Ltd** provided an update on plans for their **Davidson River Project.**

Highlights include

-spring/summer drill program expected to commence in May 2022

-key contractors secured

-several kms of graphitic conductors remain to be tested along 4 major conductors

## COMMODITIES AT A GLANCE

**Standard Uranium Ltd** announced that diamond drilling has commenced on its **Sun Dog Project** located in the Beaverlodge District near Uranium City

Highlights include

- high-resolution ground gravity geophysical survey completed at Sun Dog
- a high-resolution UAV magnetic survey will be carried out in the coming days to help target drilling

### REEs (Rare Earth Elements)

\*TREO=total rare earth oxides=La<sub>2</sub>O<sub>3</sub>, CeO<sub>2</sub>, Pr<sub>6</sub>O<sub>11</sub>, Nd<sub>2</sub>O<sub>3</sub>, Sm<sub>2</sub>O<sub>3</sub>, Eu<sub>2</sub>O<sub>3</sub>, Gd<sub>2</sub>O<sub>3</sub>, Tb<sub>4</sub>O<sub>7</sub>, Dy<sub>2</sub>O<sub>3</sub>, Ho<sub>2</sub>O<sub>3</sub>, Er<sub>2</sub>O<sub>3</sub>, Yb<sub>2</sub>O<sub>3</sub>, Y<sub>2</sub>O<sub>3</sub>

**Appia Rare Earths and Uranium Corp** announced the commencement of 2022 drilling and exploration at the **Alces Lake Rare Earth (REE) Property**

Highlights include

- 12,000+ m drilling planned in 2022
- drilling will continue to evaluate the **WRCB** area to determine the size, orientation and continuity of high-grade mineralization
- drilling on the trend NW and SE of WRCB area to evaluate the potential of **Hinge, Ermacre, Quartzite** and **Danny** targets as well as **Strocen and Augier**
- continued exploration and delineation drilling on the **Western Anomaly** to evaluate **Sweet Chili Heat, Zesty** and **Diablo** as well as other undrilled targets.

### DIAMONDS

**Star Diamond Corp** reported that technical meetings with **Rio Tinto Exploration Canada Inc (RTEC)** took place regarding the **FalCon Project, Fort a La Corne JV.**

Highlights include

- Star kimberlite** trench cutter bulk sample program results
- diamond size and quality analysis
- “Orbit” project update
- mineability study
- geological model and resource update
- community and stakeholder engagement
- environmental and permitting
- green energy and carbon

### BASE METALS

**Eagle Plains Resources Ltd** announced that its partner **Rockridge Resources Ltd** plans an upcoming exploration and drill program at the **Knife Lake Copper Project** located 50 km NW of Sandy Bay.

Highlights include

- upcoming program will target the **Gilbert West** and **Gilbert South Zones**
- continued infill and expansion drilling at the **Knife Lake Cu-Zn-Ag-Co VMS Deposit**

## COMMODITIES AT A GLANCE

**Foran Mining Corp** announced a project update for its pre-development program at the **McIlvenna Bay Project**.

Highlights include

- box cut complete and Foran has advanced the first 10 m of development along the **Exploration Decline**
- construction of the ore and waste pad is approximately 95% complete
- construction of the containment pond is approximately 40% complete and is expected to be completed by the end of April
- installation of underground support systems is underway as the Company continues to advance the exploration decline towards the planned extraction of a bulk sample in H2/22
- exploration decline is expected to be 1,475 m in length to a depth of 90 m below surface
- Foran expects to mine a 4,400-tonne bulk sample

### GOLD

**Fortune Bay Corp** announced gold assay results for the remaining 4 step-out holes drilled at the **Box Gold Deposit** located on the **Goldfields Project**.

Highlights include

- B21-340 intersected **13.22 g/t Au over 8.0 m** including **103.30 g/t Au over 1.0 m** and **6.13 g/t Au over 2.0 m** including **10.80 g/t Au over 1.0 m**
- B21-339 intersected **2.23 g/t Au over 23.0 m** including **8.74 g/t Au over 5.0 m** including **31.54 g/t Au over 1.0 m**
- B21-338 intersected **2.17 g/t Au over 8.0 m** including **13.12 g/t Au over 1.0 m**
- B21-337 intersected **3.70 g/t Au over 4.0 m** including **12.45 g/t Au over 1.0 m** and **2.49 g/t Au over 9.0 m**
- assays confirm expansion of the **Box** mineralization of up to 280 m and the mineralization remains “open”.

**MAS Gold Corp** announced an update on the drilling program on the **Preview SW Property**.

Highlights include

- 2,700 m drill program has commenced on **Comstock’s Preview SW Project**
- 4,500 m drill program at the **North Lake Project**
- 800 m drill program at the **Point Deposit**

**MAS Gold Corp** announced drilling has been completed at its **North Lake Deposit** on its **Preview North Property**.

Highlights include

- a total of 4,123.5 m was completed in 34 diamond drill holes
- 24 infill holes, 4 twin drill holes and 6 exploration holes were completed
- samples are currently being processed
- in addition to implementing a QAQC program, the felsic host rocks were extended 80 m to the NW and 50 m to the SW
- ongoing drilling at the **Point Deposit** and **Preview SW Deposit**

## COMMODITIES AT A GLANCE

**MAS Gold Corp** announced that they have completed the sale by **Comstock Metals Ltd** of 100% of its interest in its **Preview SW Gold Project** to **MAS Gold Corp**.

**SKRR Exploration Inc** announced the completion of drilling at the **Olson Project**, located 100 km east of La Ronge.

Highlights include

- all 10 holes testing 4 target areas intersected sulphides and quartz veining.
- assays are pending

**SKRR Exploration Inc** announced the start of an airborne magnetic survey on its **Irving Lake Project** located 100 km NE of La Ronge.

Highlights include

- Precision Geosurveys Inc contracted to fly a 4,288 line-km helicopter-borne magnetic survey @ 75 m line-spacing
- located within 10 to 20 km of the Seabee and Santoy gold mines.

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### **Saskatchewan: Gochager Lake Nickel, Copper, Cobalt Deposit available for option:**

The Gochager Lake Nickel-Copper-Cobalt project has reported grades of up to **3.92% nickel, 0.7% copper and 2.86% cobalt** as reported by the Saskatchewan government (Mineral deposit index No. 0880). Historical resource estimates (non-National Instrument 43-101 compliant) were generated in 1968 and 1990. The 1968 historic resource for the Gochager Lake deposit calculated 4.3 million tons grading 0.30% Ni and 0.08% Cu. J.S. Steel, reported in 1990, that vertical and longitudinal sections were constructed from the existing data and a historic resource was defined containing 1.77 million tonnes at 0.735% nickel-equivalent.

July 20, 2018: Drill hole intersects 117.7 Meter Fully Mineralized Zone including 1.95% Nickel, 0.14% Copper and 0.22% Copper over 2.7 Meters at the Gochager Lake Project.

**Drillhole GL18002 completed in 2018 suggests the deposit remains open to depth.**

**For more information please email:**

**Chris Knudsen**

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**For more information please email:**

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Claim MC00015760 (1147 ha or 2834 acres, 6 km in length, covering entirety of Miller Island, in good standing to 3/12/ 2024), tied onto Searchlight Resources and approximately 2km SW of the *Craig Lake Occurrence* (0.93% U3O8, 1.00% ThO2 and 0.333% MoS2 in boulders). The Miller claim is underlain by Upper Assemblage Meta-Arkose. At the north and south ends, the claim is underlain by NE Trending banded quartzofeldspathic to arkosic gneiss. The Miller claim lies approximately 5 km NE of the *Rona Occurrence* (0.226% U3O8, 0.67% MoS2 and 0.1% U3O8 over 10.5 ft or 3.2 m in trenches). The Miller claim also lies approximately 15 km NE of the *Kulyk Lake Property* (56.18% TREO, 12.49% CREO, 9.61% Neodymium Oxide & 1,194 ppm Dysprosium Oxide) currently being explored by Searchlight Resources Inc, where new uranium anomalies were delineated by recent airborne radiometric survey. Approximately 30 km to the NE of Miller, Valor Resources Ltd (ASX) are currently conducting a diamond drill program on their *Hook Lake Project*, following up on airborne radiometric and surface sampling results which returned up to 59.2% U3O8 and 5.05% TREO. Also, just over 30 km to the NE Baseload Energy recently announced multiple drill intersections including 699 cps over 15.1 m (and 8,000 cps/0.1m and 9,200 cps/0.1 m.) @ Hook.

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